



Intersil



ISL6742AAZA-T

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ISL6742AAZA-T                                                                                                |
| Manufacturer/Brand: | Intersil                                                                                                     |
| Product description | IC REG CTRLR MULT TOP 16QSOP                                                                                 |
| Datasheets:         |  ISL6742AAZA-T.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 36483 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of ISL6742AAZA-T

|                                  |                                                                                                                     |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ISL6742AAZA-T                                                                                                       |
| MANUFACTURER                     | Intersil                                                                                                            |
| DESCRIPTION                      | IC REG CTRLR MULT TOP 16QSOP                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                          |
| QUANTITY AVAILABLE               | 36483 pcs                                                                                                           |
| DATA SHEET                       |  ISL6742AAZA-T.pdf               |
| VOLTAGE - SUPPLY (VCC/VDD)       | 9 V ~ 16 V                                                                                                          |
| TOPOLOGY                         | Full-Bridge, Half-Bridge                                                                                            |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 16-QSOP                                                                                                             |
| SERIES                           | -                                                                                                                   |
| SERIAL INTERFACES                | -                                                                                                                   |
| PACKAGING                        | Tape & Reel (TR)                                                                                                    |
| PACKAGE / CASE                   | 16-SSOP (0.154", 3.90mm Width)                                                                                      |
| OUTPUT TYPE                      | Transistor Driver                                                                                                   |
| OUTPUT PHASES                    | 1                                                                                                                   |
| OUTPUT CONFIGURATION             | Positive, Isolation Capable                                                                                         |
| OTHER NAMES                      | ISL6742AAZA-TTR                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                  |
| NUMBER OF OUTPUTS                | 1                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                          |
| FUNCTION                         | Step-Up/Step-Down                                                                                                   |
| FREQUENCY - SWITCHING            | Up to 2MHz                                                                                                          |
| DUTY CYCLE (MAX)                 | 99%                                                                                                                 |
| DETAILED DESCRIPTION             | Full-Bridge, Half-Bridge Regulator Positive, Isolation Capable Output Step-Up/Step-Down DC-DC Controller IC 16-QSOP |
| CONTROL FEATURES                 | Frequency Control, Ramp, Soft Start                                                                                 |
| CLOCK SYNC                       | No                                                                                                                  |
| BASE PART NUMBER                 | ISL6742A                                                                                                            |

Related Tags

|                             |                                  |                            |
|-----------------------------|----------------------------------|----------------------------|
| Intersil ISL6742AAZA-T      | ISL6742AAZA-T Distributor        | ISL6742AAZA-T Supplier     |
| ISL6742AAZA-T Price         | ISL6742AAZA-T Pictures           | ISL6742AAZA-T Image        |
| ISL6742AAZA-T PDF Datasheet | ISL6742AAZA-T Download Datasheet | ISL6742AAZA-T Datasheet    |
| ISL6742AAZA-T Stock         | Buy ISL6742AAZA-T                | Buy Intersil ISL6742AAZA-T |
| Intersil ISL6742AAZA-T      | Intersil Supplier                | Intersil Distributor       |
| Intersil ISL6742AAZA-T      |                                  |                            |

Related Products

|                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>ISL6744AABZ</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR MULT TOPOLOGY 8SOIC<br/>In stock: 28928 pcs<br/><div>RFQ</div></div>   |  <div><b>ISL6741IBZ-T</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR MULT TOP 16SOIC<br/>In stock: 3711 pcs<br/><div>RFQ</div></div>     |
|  <div><b>ISL6741IVZ-T</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR MULT TOP 16TSSOP<br/>In stock: 54429 pcs<br/><div>RFQ</div></div>     |  <div><b>ISL6741IV</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR MULT TOP 16TSSOP<br/>In stock: 6533 pcs<br/><div>RFQ</div></div>       |
|  <div><b>ISL6742BEVAL3Z</b><br/>Manufacturers: Intersil<br/>Description: BOARD EVAL ISL6742B QSOP<br/>In stock: 819 pcs<br/><div>RFQ</div></div>          |  <div><b>ISL6741IVZ</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR MULT TOP 16TSSOP<br/>In stock: 27142 pcs<br/><div>RFQ</div></div>     |
|  <div><b>ISL6742BAAZA-T</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR MULT TOP 16QSOP<br/>In stock: 32245 pcs<br/><div>RFQ</div></div>    |  <div><b>ISL6741IV-T</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR MULT TOP 16TSSOP<br/>In stock: 5072 pcs<br/><div>RFQ</div></div>     |
|  <div><b>ISL6744AABZ-T</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR MULT TOPOLOGY 8SOIC<br/>In stock: 45164 pcs<br/><div>RFQ</div></div> |  <div><b>ISL6742AAZA</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR MULT TOP 16QSOP<br/>In stock: 14840 pcs<br/><div>RFQ</div></div>     |
|  <div><b>ISL6742BAAZA</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR MULT TOP 16QSOP<br/>In stock: 25652 pcs<br/><div>RFQ</div></div>      |  <div><b>ISL6744AAUZ</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR MULT TOPOLOGY 8MSOP<br/>In stock: 40258 pcs<br/><div>RFQ</div></div> |